

DEPARTMENT OF TRANSPORTATION

DES-OE MS #43
1727 30TH Street, 2ND Floor
Sacramento, CA 95816



**** WARNING ** WARNING ** WARNING ** WARNING ****
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November 8, 2002

11-SD-15,56-M29.7/M33.1,13.7/15.1
11-2348U4
ACNHI-015-4(187)18N
ACSTP-P056(001)N
HP21STPL-6066(040)N

Addendum No. 4

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN DIEGO COUNTY IN SAN DIEGO ON ROUTE 15 FROM 0.5 KM NORTH OF POWAY ROAD OVERCROSSING TO 0.1 KM SOUTH OF CARMEL MOUNTAIN ROAD OVERCROSSING AND ON STATE ROUTE 56 FROM 1.2 KM WEST TO 0.3 KM EAST OF ROUTE 56/15 SEPARATION.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on November 14, 2002. The original bid opening date was previously postponed until late November 2002 under Addendum No. 3 dated October 16, 2002.

This addendum is being issued to set a new bid opening date as shown herein and revise the Project Plans, the Notice to Contractors and Special Provisions, the Proposal and Contract, and the Federal Minimum Wages with Modification Number 15 dated 10-25-02. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

Project Plan Sheets 5, 6, 9, 16, 34, 197, 198, 199, 204, 205, 207, 208, 209, 221, 222, 223, 224, 225, 236, 274, 275, 276, and 279 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 203A, 203B, 204A, 209A, 211A, 223A, 223B, and 223C are added. Half-sized copies of the added sheets are attached for addition to the project plans.

Project Plan Sheet 2, "Typical Cross Section X-1" is revised as follows:

Structural Section 11 is deleted.

Project Plan Sheets. 35 and 36, "Layout L-8 and L-9" are revised as follows:

Structural Section 11 shown from 325+03 to 325+30 right of "G" Line, outside shoulder, is revised to Structural Section 1.

In the Special Provisions, Section 2, "PROPOSAL REQUIREMENTS AND CONDITIONS," subsection 2-1.03, "ESCROW OF BID DOCUMENTION," is added after subsection 2-1.02B, "SUBMISSION OF DBE INFORMATION," as attached.

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In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following paragraph is added at the end of the section:

"Construction of Stage 5A shall be diligently prosecuted to completion before the expiration of 30 consecutive calendar days. Nonconflicting work may proceed concurrently with the construction of Stage 5A provided progress is maintained adequately to assure completion within the specified time mention herein. In the event satisfactory progress is not maintained, the Engineer may order suspension of such nonconflicting work."

In the Special Provisions, Section 10-1.20, "MAINTAINING TRAFFIC," Traffic Chart No.'s 1, 2, 3, 4, 5, 10, and 11 are revised as attached.

In the Special Provisions, Section 10-1.20, "MAINTAINING TRAFFIC," Traffic Chart No.'s 12, 13, and 14 are added as attached.

In the Special Provisions, Section 10-1.21, "CLOSURE REQUIREMENTS AND CONDITIONS," subsection "CLOSURE SCHEDULE," the seventh paragraph is revised as follows:

"Consecutive on-ramps or off-ramps in the same direction of travel will not be closed simultaneously unless otherwise provided in these special provisions or permitted by the Engineer."

In the Special Provisions, Section 10-1.21, "CLOSURE REQUIREMENTS AND CONDITIONS," subsection "LATE REOPENING OF CLOSURES," the second paragraph is revised as follows:

"For each 10-minute interval, or fraction thereof past the time specified to re-open the closure, the Department will deduct \$6,000.00 per interval from moneys due or that may become due the Contractor under the contract."

In the Special Provisions, Section 10-1.26, "TEMPORARY RAILING," the sixth through the eighth paragraphs are deleted.

In the Special Provisions, Section 10-1.33, "EARTHWORK," the following paragraphs are added after the sixth paragraph:

"At the option of the Contractor, and to the extent that material from required excavation within the project limits is available, embankment shall be constructed of imported borrow or of material obtained from required excavation within the project limits or a combination of borrow and material obtained from required excavation within the project limits.

Excavated materials not used in embankments shall be disposed of in conformance with the provisions of Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications. However, the Contractor's prerogative to dispose of excavated material outside the highway right of way before the embankments are completed is subject to proof that environmentally clear sources of material in sufficient quantity to complete required embankments are available. Obtaining necessary clearances for new borrow sources or for exceeding limitations on previously cleared sources shall be the responsibility of the Contractor. No time extension or other waiver of working days requirements will be granted in the event the Contractor is delayed by reason of there being an insufficient quantity of acceptable material available from environmentally cleared sources to replace excavated material previously disposed of outside the right of way.

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If an ordered change increases the quantity of excavation or decreases the quantity of embankment so that surplus excavation has to be disposed of outside the highway right of way, disposing of the surplus material will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.

If an ordered change either increases or decreases the quantity of borrow required to complete planned embankments, compensation for the change will be determined as follows:

- A. Decreased excavation and increased borrow. The cost of supplying the borrow material to the site of the work will be paid for as extra work as provided for in Section 4-1.03D of the Standard Specifications.
- B. Increased embankment requiring increased borrow. The Contractor, at the Contractor's option, shall be paid for the increase in embankment at the contract price or as extra work at force account. In lieu of the actual costs for spreading and compacting borrow material, the Contractor may elect to be paid at the agreed price of \$0.65 per cubic meter for spreading and compacting.
- C. Increased excavation and decreased borrow. The Contractor will be paid for the increase in excavation at contract prices, but shall pay to the State the estimated cost of furnishing the quantity of borrow so decreased, computed as though the work were done on a force account basis in conformance with the provisions in Section 9-1.03, "Force Account Payment," of the Standard Specifications. Payment to the State will be deducted from sums due or that may become due the Contractor.
- D. Decreased embankment and decreased borrow. The decrease in pay quantity for embankment will be considered to satisfy requirements for compensation due the State for the decrease in borrow required to complete planned embankment.

The Contractor, at the Contractor's option, may compact the ground surface on which embankment is to be constructed before placing embankment material thereon. If the compaction results in an average subsidence exceeding 75 mm, the ground surface will be measured after completion of the compaction. The Engineer shall be allowed the time necessary to complete the measurement of an area before placement of embankment material is started in that area.

The total quantity of embankment will be computed in the same manner specified for roadway excavation in Section 19-2.08, "Measurement," of the Standard Specifications on the basis of the planned or authorized cross section for embankments and the measured ground surface. No adjustment in the quantity of embankment to be paid for will be made in the event that subsidence or consolidation occurs after placing embankment material has begun.

Surplus material used to widen slopes in conformance with the provisions in Section 19-2.06, "Surplus Material," of the Standard Specifications will not be measured or paid for as embankment.

Quantities of embankment measured as specified herein will be paid for at the contract price per cubic meter. This price shall include full compensation for furnishing all labor, materials (except material obtained from excavation within the project limits), tools, equipment, and incidentals, and for doing all the work involved in constructing embankments, complete in place, including hauling borrow material, spreading and compacting embankment material, and compaction and preparation of the subgrade at the grading plane in embankment areas, all as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

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Roadway excavation, structure excavation, and ditch excavation will be paid for as specified in these special provisions and in Sections 19-2, "Roadway Excavation," 19-3, "Structure Excavation and Backfill," and 19-4, "Ditch Excavation," respectively, of the Standard Specifications, except that when material is used in roadway embankment, full compensation for the work of spreading after depositing, compacting and preparing subgrade at the grading plane in roadway embankments shall be considered as included in the contract price paid per cubic meter for embankment and no separate payment will be made therefor.

Section 19-7.04, "Measurement," and Section 19-7.05, "Payment," of the Standard Specifications shall not apply."

In the Special Provisions, Section 10-1.73, "CONCRETE BARRIER (TYPE K)," the fourth paragraph is deleted.

In the Special Provisions, Section 10-1.73, "CONCRETE BARRIER (TYPE K)," the fifth paragraph is revised as follows:

"Full compensation for furnishing and installing temporary railing (Type K) reflectors on concrete barrier (Type K) shall be considered as included in the contract price paid per meter for concrete barrier (Type K) and no additional compensation will be allowed therefor."

In the Proposal and Contract, the Engineer's Estimate Items 20, 21, 27, 28, 57, 82, 85, and 89 are revised, Items 184 and 185 are added and Item 183 is deleted as attached.

To Proposal and Contract book holders:

Replace pages 3, 4, 5, 7, and 11A of the Engineer's Estimate in the Proposal with the attached revised pages 3, 4, 5, 7, and 11A of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY:

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

2-1.03 ESCROW OF BID DOCUMENTATION

Bid documentation shall consist of all documentary and calculated information generated by the Contractor in preparation of the bid. The bid documentation shall conform to the requirements in these special provisions, and shall be submitted to the Department and held in escrow for the duration of the contract.

The escrowed bid documents will be the only documents accepted from the Contractor regarding preparation of the bid.

In signing the proposal, the bidder certifies that the material submitted for escrow constitutes all the documentary information used in preparation of the bid and that he has personally examined the contents of the container and that they are complete.

Nothing in the bid documentation shall be construed to change or modify the terms or conditions of the contract.

Escrowed bid documentation will not be used for pre-award evaluation of the Contractor's anticipated methods of construction, nor to assess the Contractor's qualifications for performing the work.

Bid documentation shall clearly itemize the Contractor's estimated costs of performing the work. The documentation submitted shall be complete and so detailed as to allow for an in-depth analysis of the Contractor's estimate.

The bid documentation shall include, but not be limited to: quantity takeoffs; rate schedules for the direct costs and the time- and nontime-related indirect costs for labor (by craft), plant and equipment ownership and operation, permanent and expendable materials, insurance and subcontracted work; estimated construction schedules, including sequence and duration and development of production rates; quotations, scoping documents and subcontracts related to subcontractors, manufacturers and suppliers; estimates of field and home office overhead; contingency and margin for each contract item of work; names of the persons responsible for preparing the bidder's estimate, and other reports, calculations, assumptions and information used by the bidder to arrive at the estimate submitted with the proposal.

The Contractor shall also submit bid documentation for each subcontractor, manufacturer and supplier whose total subcontract or purchase orders exceeds or is expected to exceed one-half of one percent of the total bid or \$10,000.00 whichever is greater. Subcontractor, manufacturer and supplier bid documentation shall be enclosed with the Contractor's submittal regardless of whether or not subcontracts or purchase orders have been executed or entered into on the date that bid documentation is submitted for escrow. The examination of subcontractors', manufacturers' and suppliers' bid documentation will be accomplished in the same manner as for the Contractor's bid documentation. If a subcontractor, manufacturer or supplier is replaced, bid documentation for the new subcontractor, manufacturer or supplier shall be submitted for review and escrow before authorization for the substitution will be granted. Upon written request of a subcontractor, manufacturer or supplier, the bid documentation from that subcontractor, manufacturer or supplier shall be reviewed only by the subcontractor, manufacturer or supplier and the Department and shall be placed in a separate container within the Contractor's container. The written request from the subcontractor, manufacturer or supplier shall be included with the bid documentation.

If the bidder is a joint venture, the bid documentation shall include the joint venture agreement, the joint venture estimate comparison and final reconciliation of the joint venture estimate.

Copies of the proposals submitted by the first, second and third low bidders will be provided to the respective bidders for inclusion in the bid documentation to be escrowed.

The first, second, and third apparent low bidders shall present the bid documentation for escrow at the District 11 Office, Construction Duty Senior (619) 688-6635, 2829 Juan Street, San Diego, CA 92110, on the first Wednesday at 10:00 a.m., following the time indicated in the "Notice to Contractors" for the opening of bids. The fourth and subsequent apparent low bidders shall present the bid documentation for escrow if requested by the Department to do so.

Bid documentation shall be submitted as a paper copy in a sealed container, clearly marked with the bidder's name, date of submittal, project contract number and the words, "Bid Documentation for Escrow."

Failure to submit the actual and complete bid documentation as specified herein within the time specified shall be cause for rejection of the proposal.

Upon submittal, the bid documentation of the apparent low bidder will be examined and inventoried by the duly designated representatives of the Contractor and the Department to ensure that the bid documentation is authentic, legible, and in accordance with the terms of this section "Escrow of Bid Documentation." The examination will not include review of, nor will it constitute approval of, proposed construction methods, estimating assumptions or interpretation of the contract. The examination will not alter any conditions or terms of the contract. The acceptance or rejection by the Department that the submitted bid documents are in compliance with this section "Escrow of Bid Documentation" shall be completed within 48 hours of the time the bid documentation is submitted by the Contractor.

At the completion of the examination, the bid documents will be sealed and jointly deposited at an agreed commercial business.

Bid documentation submitted by the second and third apparent low bidders will be jointly deposited at an agreed commercial businesses. If the apparent low bid is withdrawn or rejected, the bid documentation of the second low bidder will be examined and inventoried in the manner specified above, then sealed and deposited again in escrow. If the second low bid is withdrawn or rejected, the bid documentation of the third low bidder will be examined and inventoried in the manner specified above, then sealed and deposited again in escrow. Bid documentation from subsequent bidders, if requested, will be examined and inventoried in the same manner as specified above, then sealed and deposited in escrow. Upon execution and final approval of the contract or rejection of all bids, the bid documentation will be returned to any remaining unsuccessful bidders.

Any and all components of the escrowed bid documentation may be examined by the designated representatives of both the Department and the Contractor, at any time deemed necessary by either the Department or the Contractor to assist in the negotiation of price adjustments and change orders, or to assist in the potential resolution or in the settlement of claims or disputes. Such a joint review shall be performed within 15 days of receipt of a written request to do so by either party. If the Contractor refuses to participate in the joint examination of any and all components of the escrowed bid documentation as provided herein, such refusal shall be considered as a failure by the Contractor to exhaust administrative claim remedies with respect to the particular protest, notice of potential claim, or claim. In addition, this refusal by the Contractor shall constitute a bar to future arbitration with respect to the protest, potential claim or claim as provided by Section 10240.2 of the California Public Contract Code.

If requested by a Disputes Review Board, the escrowed bid documentation may be utilized to assist the Board in its recommendations.

The bid documentation submitted by the Contractor will be held in escrow until the contract has been completed, the ultimate resolution of all disputes and claims has been achieved and receipt of final payment has been accepted by the Contractor. The escrowed bid documentation will then be released from escrow to the Contractor.

The bid documentation submitted by the bidder is, and shall remain, the property of the bidder, and is subject to only joint review by the Department and the bidder or upon written request of a subcontractor, manufacturer or supplier shall be reviewed only by the subcontractor, supplier or manufacturer and the Department unless it involves a dispute or claim. The Department stipulates and expressly acknowledges that the submitted bid documentation constitutes trade secrets and will not be deemed public records. This acknowledgment is based on the Department's express understanding that the information contained in the bid documentation is not known outside the bidder's business, is known only to a limited extent and only by a limited number of employees of the bidder, is safeguarded while in the bidder's possession, is extremely valuable to the bidder and could be extremely valuable to the bidder's competitors by virtue of it reflecting the bidder's contemplated techniques of construction. The Department acknowledges that the bid documentation includes a compilation of information used in the bidder's business, intended to give the bidder an opportunity to obtain an advantage over competitors who do not know of or use the contents of the documentation. The Department agrees to safeguard the bid documentation, and all information contained therein, against disclosure, including disclosure of subcontractor bid documentation to the Contractor and other subcontractors to the fullest extent permitted by law. However, in the event of arbitration or litigation, the bid documentation shall be subject to discovery, and the Department assumes no responsibility for safeguarding the bid documentation unless the Contractor has obtained an appropriate protective order issued by the arbitrator or the court.

Full compensation for preparing the bid documentation, presenting it for escrow and reviewing it for escrow and upon request of the Engineer shall be considered as included in the contract prices paid for the various items of work, and no additional compensation will be allowed therefor.

The direct cost of depositing the bid documentation in escrow at the agreed commercial business will be paid by the State.

Chart No. 1																																						
Multilane Lane Requirements																																						
Direction: Northbound SD - 15												Location: 2.0 km N. of JCT RTE 56 to 2.0 km S. of JCT RTE 56																										
												a.m.													p.m.													
FROM HOUR TO HOUR												12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
Mondays through Thursdays												1	1	1	1	1	2																		3	2	2	1
Fridays												1	1	1	1	2																						
Saturdays																1	1	1	1	2	3																	
Sundays																1	1	1	1	2	2	2	3	3												2	2	1
Day before designated legal holiday												1	1	1	1	2																						
Designated legal holidays																																						
Legend: <div style="display: flex; flex-direction: column; gap: 5px;"> <div>1 One lane open in direction of travel</div> <div>2 Two adjacent lanes open in direction of travel</div> <div>3 Three adjacent lanes open in direction of travel</div> <div> No lane closure allowed</div> </div>																																						
REMARKS: KP: M 29.33 / M 33.33																																						

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Chart No. 2																																						
Multilane Lane Requirements																																						
Direction: Southbound SD - 15												Location: 2.5 km N. of JCT RTE 56 to 2.5 km S. of JCT RTE 56																										
												a.m.													p.m.													
FROM HOUR TO HOUR												12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
Mondays through Thursdays												1	1	1	1	2																			3	2	2	1
Fridays												1	1	1	1	2																						
Saturdays																1	1	1	2	3	3																	
Sundays																1	1	1	1	2	3	3														2	2	1
Day before designated legal holiday												1	1	1	1	2																						
Designated legal holidays																																						
Legend: <div style="display: flex; flex-direction: column; gap: 5px;"> <div>1 One lane open in direction of travel</div> <div>2 Two adjacent lanes open in direction of travel</div> <div>3 Three adjacent lanes open in direction of travel</div> </div>																																						
REMARKS: KP: M 28.83 / M 33.83																																						

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Chart No. 3 HOV Lane Requirements																											
Direction: Northbound – Southbound SD-15S														Location: RTE 15 HOV Lanes													
FROM HOUR TO HOUR	a.m.												p.m.														
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11		12	
Mondays through Thursdays	X	X	X	X							1	1	1	1							X	X	X	X			
Fridays	X	X	X	X							1	1	1	1							X	X	X	X			
Saturdays	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Sundays	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Day before designated legal holiday	X	X	X	X							1	1	1	1							X	X	X	X			
Designated legal holidays	X	X	X	X							1	1	1	1							X	X	X	X			
Legend: <input type="checkbox"/> 1 One HOV-lane open in direction of travel <input checked="" type="checkbox"/> X HOV Lanes may be closed <input type="checkbox"/> No lane closure allowed																											
REMARKS:																											

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Chart No. 5 Ramp Lane Requirements																																					
Direction: Southbound SD - 15												Location: SB On-ramp from EB/WB 56/ Ted Williams Pkwy SB Off-ramp to EB/WB RTE 56/Ted Williams Pkwy																									
FROM HOUR TO HOUR												a.m.											p.m.														
												12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
Mondays through Thursdays												R	R	R	R	R																				R	R
Fridays												R	R	R	R	R																					
Saturdays																R	R	R	R	R	R																
Sundays																R	R	R	R	R	R	R													R	R	R
Day before designated legal holiday												R	R	R	R	R																					
Designated legal holidays																																					

Legend:

R

Ramp may be closed

No work that interferes with public traffic will be allowed

REMARKS:

SB RTE 15 On-ramp from EB RTE 56
 Detour EB RTE 56 Off-ramp to SB RTE 15 traffic via easterly on RTE 56 to EB RTE 56 Off-ramp to NB RTE 15 thence northerly on RTE 15 to NB RTE 15 Off-ramp to Carmel Mountain Rd. thence westerly on Carmel Mountain Rd. to SB RTE 15 On-ramp from Carmel Mountain Rd.

NOTE: Place PCMS (Portable Changeable Message Sign) on EB RTE 56 at Rancho Penasquitos Blvd. warning public traffic of ramp closure/ detour ahead.

SB RTE 15 Off-ramp to EB/WB RTE 56/ Ted Williams Parkway
 Detour SB RTE 15 Off-ramp to WB RTE 56/Ted Williams Parkway traffic via southerly on RTE 15 to SB RTE 15 Off-ramp to Rancho Penasquitos Blvd. thence northerly on Rancho Penasquitos Blvd. to EB/WB RTE 56 On-ramp from Rancho Penasquitos Blvd.

NOTE: Place PCMS (portable Changeable Message Sign) on SB RTE 15 at Carmel Mountain Rd. warning public traffic of ramp closure/ detour ahead.

SB RTE 15 On-ramp from WB RTE 56
 Detour WB RTE 56/Ted Williams Parkway Off-ramp to SB RTE 15 traffic via westerly on RTE 56/ Ted Williams Parkway to WB RTE 56/ Ted Williams Parkway Off-ramp to Rancho Penasquitos Blvd. thence southerly on Rancho Penasquitos Blvd. to SB RTE 15 On-ramp from Rancho Penasquitos Blvd.

NOTE: Place PCMS (portable Changeable Message Sign) on WB RTE 56/ Ted Williams Parkway at Springs Pkwy/Rancho Carmel Dr. warning public traffic of ramp closure/ detour ahead.

KP: M 30.234
 M 31.606

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Chart No. 10

Multilane Lane Requirements

Direction: Eastbound SD - 56												Location: 0.50 km W. of JCT RTE 15 to 0.50 km E. of JCT RTE 15																							
FROM HOUR TO HOUR												a.m.											p.m.												
Mondays through Thursdays												1	1	1	1	1	1																	1	1
Fridays												1	1	1	1	1	1																		
Saturdays															1	1	1	1	1	1	1	1	1	1	1	1									
Sundays															1	1	1	1	1	1	1	1	1	1	1	1							1	1	1
Day before designated legal holiday												1	1	1	1	1	1																		
Designated legal holidays																																			
Legend:																																			
1		One lane open in direction of travel																																	
		No lane closure allowed																																	
REMARKS:																																			
KP: 14.32 / 15.32																																			

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Chart No. 11

Multilane Lane Requirements

Direction: Westbound SD - 56												Location: 0.20 km W. of JCT RTE 15 to 0.20 km E. of JCT RTE 15														
FROM HOUR TO HOUR		a.m.											p.m.													
		12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Mondays through Thursdays		1	1	1	1	1	1																	1	1	
Fridays		1	1	1	1	1	1																			
Saturdays					1	1	1	1	1	1	1	1	1	1	1	1	1	1								
Sundays					1	1	1	1	1	1	1	1	1	1	1	1	1	1					1	1	1	
Day before designated legal holiday		1	1	1	1	1	1																			
Designated legal holidays																										
Legend:																										
<div>1</div>		One lane open in direction of travel																								
<div></div>																										
<div></div>		No lane closure allowed																								
REMARKS:																										
KP: 14.62 / 15.02																										

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CONTRACT NO. 11-2348U4
REVISED PER ADDENDUM NO. 4 DATED NOVEMBER 8, 2002

<p style="text-align: center;">Chart No. 12 Ramp Closure Requirements</p>

Direction:	Southbound	SD - 15	Location:	SB Off-ramp to EB/WB Rancho Penasquitos Blvd.
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[illegible]

Legend:

R	Ramp may be closed
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R	Ramp may be closed
---	--------------------

	No work that interferes with public traffic will be allowed
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REMARKS:

This chart shall be used only once through out the project duration.

SB RTE 15 Off-ramp to Rancho Penasquitos Blvd.
Detour SB RTE 15 Off-ramp to EB/WB Rancho Penasquitos Blvd. via southerly on RTE 15 to RTE 15 Off-

Detour SB RTE 15 Off-ramp to EB/WB Rancho Penasquitos Blvd. via southerly on RTE 15 to RTE 15 Off-ramp to RTE 56/Ted Williams Pkwy. thence westerly on RTE 56/Ted Williams Pkwy. to RTE 56 Off-ramp to Rancho Penasquitos Blvd.

KP: M 29.612

NOTE: When an Off-ramp is allowed to be closed, place a PCMS (Portable Changeable Message Sign) in the direction of travel allowing the traffic the option to use the preceding Off-ramp and warning them of the ramp closure ahead.

F=2348u1102402LL

Chart No. 13 Ramp Closure Requirements																											
Direction:		Northbound					SD - 15					Location: NB On-ramp from RTE 56/ Ted Williams Parkway															
FROM HOUR TO HOUR		a.m.											p.m.														
		12	1	2	3	4	5	6	7	8	9	10	11	12	12	1	2	3	4	5	6	7	8	9	10	11	12
Mondays through Thursdays		R	R	R	R	R																					
Fridays																									R	R	R
Saturdays		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Sundays		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Day before designated legal holiday																											
Designated legal holidays																											

Legend:

R

Ramp may be closed

No work that interferes with public traffic will be allowed

REMARKS:

This chart shall be used only three times through out the project duration.

EB RTE 56 Off-ramp to NB RTE 15
 Detour EB RTE 56 Off-ramp to NB RTE 15 traffic via easterly on RTE 56/Ted Williams Parkway to EB RTE 56 Off-ramp to Carmel Mountain Rd. thence easterly on Carmel Mountain Rd. to NB RTE 15 On-ramp from Carmel Mountain Rd.

NOTE: Place PCMS (Portable Changeable Message Sign) on EB RTE 56 at Rancho Penasquitos Blvd. – warning public traffic of ramp closure/ detour ahead.

WB RTE 56 Off-ramp to NB RTE 15
 Detour WB RTE 56 Off-ramp to NB RTE 15 traffic via westerly on Ted Williams Parkway to Rancho Carmel Dr. thence northerly on Rancho Carmel Dr. to Carmel Mountain Rd. thence westerly on Carmel Mountain Rd. to NB RTE 15 On-ramp from Carmel Mountain Rd.

NOTE: Place PCMS (Portable Changeable Message Sign) on WB RTE 56 E. of Rancho Carmel Dr. warning public traffic of ramp closure/ detour ahead.

KP: M 30.529
 M 31.656

F=2348u1102502LL

Chart No. 14 Ramp Lane Requirements																																						
Direction: Southbound SD - 15												Location: SB On-ramp from EB 56/ Ted Williams Pkwy																										
FROM HOUR TO HOUR												a.m.												p.m.														
												12	1	2	3	4	5	6	7	8	9	10	11	12	12	1	2	3	4	5	6	7	8	9	10	11	12	
Mondays through Thursdays												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fridays												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Saturdays												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sundays												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Day before designated legal holiday												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Designated legal holidays												1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Legend: <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; width: 30px; height: 20px; margin-right: 10px;"></div> <div>1 A minimum of one paved ramp lane, not less than 3.60 m wide , shall be open for use by public traffic</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 20px; margin-right: 10px;"></div> <div>No work that interferes with public traffic will be allowed</div> </div>																																						
REMARKS: This chart may be used once for 60 consecutive days. KP: M 30.234																																						

F=2348u1103102FS

ENGINEER'S ESTIMATE

11-2348U4

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
2	070018	TIME-RELATED OVERHEAD	WDAY	350		
3	071325	TEMPORARY FENCE (TYPE ESA)	M	860		
4	029797	TEMPORARY 100 MM PVC SERVICE LINE	M	120		
5	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
6	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
7 (S)	029798	TEMPORARY EROSION CONTROL (TYPE 1)	M2	67 900		
8 (S)	029799	TEMPORARY EROSION CONTROL (TYPE 2)	M2	17 200		
9	074028	TEMPORARY FIBER ROLL	M	9200		
10	029800	TEMPORARY GRAVEL BAG	EA	1000		
11	029801	TEMPORARY CONCRETE WASHOUT	EA	5		
12	029802	TEMPORARY CONSTRUCTION ENTRANCE (PLATES)	EA	13		
13 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
14 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
15 (S)	120149	TEMPORARY PAVEMENT MARKING (PAINT)	M2	27		
16 (S)	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	M	18 600		
17 (S)	120300	TEMPORARY PAVEMENT MARKER	EA	2760		
18 (S)	029803	TEMPORARY ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
19 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	8		
20 (S)	129000	TEMPORARY RAILING (TYPE K)	M	19 300		

ENGINEER'S ESTIMATE**11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21 (S)	029804	TRAFFIC PLASTIC DRUM	EA	274		
22 (S)	129100	TEMPORARY CRASH CUSHION MODULE	EA	140		
23 (S)	029805	TEMPORARY CRASH CUSHION (TYPE ADIEM)	EA	1		
24	150608	REMOVE CHAIN LINK FENCE	M	530		
25	029806	REMOVE THRIE BEAM BARRIER	M	2190		
26	150710	REMOVE TRAFFIC STRIPE	M	17 100		
27	029807	REMOVE TRAFFIC STRIPE (YELLOW)	M	1260		
28	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	M2	1650		
29 (F)	150722	REMOVE PAVEMENT MARKER	EA	12 845		
30	150742	REMOVE ROADSIDE SIGN	EA	40		
31	150760	REMOVE SIGN STRUCTURE	EA	2		
32	150763	REMOVE SIGN PANEL	EA	11		
33	150771	REMOVE ASPHALT CONCRETE DIKE	M	2450		
34	150805	REMOVE CULVERT	M	220		
35	150820	REMOVE INLET	EA	7		
36	150821	REMOVE HEADWALL	EA	1		
37	150823	REMOVE DOWNDRAIN	M	15		
38	150860	REMOVE BASE AND SURFACING	M3	460		
39 (S)	151540	RECONSTRUCT CHAIN LINK FENCE	M	21		
40 (S)	151554	RECONSTRUCT CHAIN LINK GATE	EA	1		

ENGINEER'S ESTIMATE

11-2348U4

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41 (S)	151572	RECONSTRUCT METAL BEAM GUARD RAILING	M	1400		
42 (S)	151581	RECONSTRUCT SIGN STRUCTURE	EA	2		
43	152320	RESET ROADSIDE SIGN	EA	31		
44 (S)	029808	RELOCATE IRRIGATION CONTROLLER ENCLOSURE CABINET	EA	1		
45	152394	RELOCATE SIGN STRUCTURE	EA	2		
46	152604	MODIFY INLET	EA	1		
47 (S)	153155	COLD PLANE ASPHALT CONCRETE PAVEMENT (75 MM MAXIMUM)	M2	25 800		
48 (S)	153156	COLD PLANE ASPHALT CONCRETE PAVEMENT (90 MM MAXIMUM)	M2	23 700		
49	153218	REMOVE CONCRETE SIDEWALK	M3	2		
50	153220	REMOVE CONCRETE (CHANNEL)	M3	27		
51	153221	REMOVE CONCRETE BARRIER	M	630		
52	155006	CAP RISER	EA	7		
53	157560	BRIDGE REMOVAL (PORTION)	LS	LUMP SUM	LUMP SUM	
54	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
55	160120	REMOVE TREE	EA	220		
56	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
57	190101	ROADWAY EXCAVATION	M3	82 400		
58	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
59 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	M3	26		
60	192036	STRUCTURE EXCAVATION (CRIB WALL)	M3	4400		

ENGINEER'S ESTIMATE**11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	029813	MAINTENANCE VEHICLE PULLOUT (MODIFIED)	EA	2		
82	260201	CLASS 2 AGGREGATE BASE	M3	30 000		
83	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TONN	11		
84	390155	ASPHALT CONCRETE (TYPE A)	TONN	28 600		
85	390171	ASPHALT CONCRETE BASE (TYPE A)	TONN	8040		
86	394001	PLACE ASPHALT CONCRETE DIKE	M	8300		
87	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	360		
88	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	16		
89	401000	CONCRETE PAVEMENT	M3	5900		
90	404092	SEAL PAVEMENT JOINT	M	4400		
91	404094	SEAL LONGITUDINAL ISOLATION JOINT	M	3200		
92 (S)	500050	TIEBACK ANCHOR	EA	81		
93 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	11		
94 (F)	510408	CLASS 1 CONCRETE (RETAINING WALL)	M3	1503		
95 (F)	510410	CLASS 1 CONCRETE (STRUCTURE)	M3	39		
96 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	41		
97	029814	ARCHITECTURAL SURFACE (TEXTURED CONCRETE)	M2	2200		
98	029815	ANTI-GRAFFITI PROTECTIVE COATING	M2	2300		
99	513601	REINFORCED CONCRETE CRIB WALL (TYPE A)	M2	560		
100	513604	REINFORCED CONCRETE CRIB WALL (TYPE D)	M2	540		

ENGINEER'S ESTIMATE**11-2348U4**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	030135	ABANDON IRRIGATION CROSSOVER	EA	10		
182	120166	CHANNELIZER	EA	22		
183	BLANK					
184	198050	EMBANKMENT	M3	62 000		
185	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____